

APPENDIX:

The Appendix includes the following item(s):

- ☒ - a new or amended Abstract of the Disclosure

ABSTRACT OF THE DISCLOSURE

A method for determining the sequence of a nucleic acid molecule includes the steps of: a) providing a single-stranded form of the nucleic acid molecule; b) hybridizing a primer to the single stranded form of the nucleic acid molecule to form a template/primer complex; c) enzymatically extending the primer by the addition of a polymerase and a mixture of at least one nucleotide and at least one labeled derivative of the at least one nucleotide, wherein the at least one labeled derivative of the at least one nucleotide includes a label linked to the nucleotide via a cleavable link and wherein the amount of labeled derivative of the at least one nucleotide in the mixture of the at least one nucleotide and the labeled derivative of the at least one nucleotide is within the range of 1-50 mole-%, 1-40 mole-%, 1-30 mole-%, or 1-20 mole-%. d) determining the type of nucleotide added to the primer; and e) repeating steps c) to d) at least once.